

Jay Hwang

[Github](#) • [Portfolio](#) • [Angel](#) • [LinkedIn](#)

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PROJECTS

COUCHBNB (Ruby on Rails, PostgreSQL, ReactJS + Redux)

[Live](#) • [Github](#)

FULL-STACK, REST-FUL, SINGLE-PAGE WEB APPLICATION INSPIRED BY AIRBNB

- Slashed database build time up to 70% by designing a DRY, automated program that utilizes Ruby's Net::HTTP class to fetch data and seed the database
- Maximized search-engine efficiency by channeling search-queries to employ AJAX requests to Google Maps API to filter and pan the Map

SPACE - INVADERS (Vanilla Javascript, HTML Canvas, CSS)

[Live](#) • [Github](#)

FRONT-END, BROWSER-BASED GAME BUILT WITH JAVASCRIPT AND HTML CANVAS

- Utilized Vanilla JavaScript & HTML5 Canvas to create a robust front-end game
- Increased responsiveness by 40% by engineering a dynamic solution that utilizes Real Time measurements to alleviate Canvas lag

PABANG (WebCrawler) (Ruby, Selenium)

[Github](#)

BOT THAT AUTOMATES JOB APPLICATIONS UTILIZING SELENIUM

- Engineered a script that applies to jobs matching specified criteria
- Tailored program to individuals by implementing a keyword matching algorithm to filter and query data specified by users

ACTIVE - RECORD (Ruby)

[Github](#)

RENDITION OF RAILS ORM LIBRARY: ACTIVERECORD

- Employed Meta Programming by utilizing Ruby's `#method_missing` & `#define_method` to produce DRY, easily-manageable code & reduce repetitive code-fragments
- Created the ability to manipulate data in Relational Databases at a high-level, implementing Object Relational Mapping

SKILLS

JAVASCRIPT | REACT.JS | ES6 | RUBY ON RAILS | SQL | POSTGRESQL | HTML5 | CSS

EDUCATION

SOFTWARE DEVELOPMENT

FALL 2016

APP ACADEMY

- Rigorous 1000-hour full stack software development school
- Emphasizes Pair-Programming, Algorithms, ADT's + Data Structures, OOP and TDD
- 90% assessment grade and pair-programming rating

EXPERIENCE

FREELANCE SOFTWARE DEVELOPER

2014 - 2016

- Delivered quality full-stack software projects with HTML, CSS, JavaScript, Rails & Postgres
- Boosted client satisfaction by following up & refactoring code to enhance products
- Reduced development-time & increased code-manageability 30% by creating Reusable Components & utilizing Meta Programming